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- (74) Agents: **BECKER, Philippe** et al.; Becker et Associés, 35, rue des Mathurins, F-75008 Paris (FR).
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- (71) Applicant (for all designated States except US): **UNIVERSITE BORDEAUX 2** [FR/FR]; 146, rue Léo Saignat, F-33076 Bordeaux Cedex (FR).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **MOSSALAYI, Mohammad, Djavad** [FR/FR]; 8, Place des Cèdres, F-33000 Bordeaux (FR). **MOYNET, Daniel** [FR/FR]; 90, rue Robespierre, C1-114, F-33400 Talence (FR). **VINCENDEAU, Philippe** [FR/FR]; 12, allée du Bois de Bernis, F-33600 Pessac (FR). **RAMBERT, Jérôme** [FR/FR]; Résidence Mahela, Appt. 28A, 2ter, rue Bethemann, F-33000 Bordeaux (FR). **SELF, Christopher, R.** [US/US]; 10 Knightsbridge Road, Piscataway, NJ 08854 (US).
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(54) Title: PEPTIDES AND PEPTIDOMIMETICS BINDING TO CD23

(57) Abstract: The present invention describes compounds comprising new and useful peptides and peptidomimetics that can bind to CD23. They are capable of reducing inflammatory responses associated with auto-immune diseases, chronic inflammatory diseases, allergies and other inflammatory conditions such as those mediated by the mammalian immune system. Compounds of the present invention relate to a CD23-binding peptide wherein said peptide comprises an amino-acid sequence of X₁-X₂-X₃-X₄-X₅-X₆-X₇-X₈, wherein: X₁ is Phe, or is absent; X₂ is His or Ala; X₃ is Glu, Ser, Ala, Asn, Lys, or Cys; X₄ is Asn, Phe, Gln, Pro, Ser, or Ala; X₅ is Trp; X₆ is Pro, Arg, Glu, Gly, Cys, or Lys; X₇ is Ser, Pro, Leu, Thr, Ala, Gly, Asn, or absent; and X₈ is Phe, Gly, or is absent.

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